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February 28, 2005

CERTIFICATE OF MAILING 37 C.F.R 1.8

I certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

February 28, 2005

Date

Robert E. Hanson

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RE: U.S. Patent Application No. 10/047,251 entitled "GENETIC AND EPIGENETIC MANIPULATION OF ABC TRANSPORTERS AND ECTO-PHOSPHATASES FOR THE CONFERENCE OF DRUG RESISTANCE AND FOR THE LOSS OF DRUG RESISTANCE IN BIOLOGICAL SYSTEMS AND METHODS FOR THE DETECTION OF ECTO-PHOSPHATASE INHIBITORS" – Collin E. Thomas et al.

Our reference: TEXG:003USD1

Sir:

Enclosed for filing in the above-referenced patent application is a Supplemental Information Disclosure Statement, Form PTO-1449, references B3-B5 and C34-C41, and copy of foreign communication.

No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/TEXG:003USD1.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

Robert E. Hanson
Reg. No. 42,628

REH/kvp
Encl.: as noted



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Collin E. Thomas et al.

Serial No.: 10/047,251

Filed: January 14, 2002

For: GENETIC AND EPIGENETIC
MANIPULATION OF ABC
TRANSPORTERS AND ECTO-
PHOSPHATASES FOR THE
CONFERENCE OF DRUG RESISTANCE
AND FOR THE LOSS OF DRUG
RESISTANCE IN BIOLOGICAL
SYSTEMS AND METHODS FOR THE
DETECTION OF ECTO-PHOSPHATASE
INHIBITORS

Group Art Unit: 1651

Examiner: Jon P. Weber

Atty. Dkt. No.: TEXG:003USD1

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February 28, 2005

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Robert E. Hanson

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies

of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/TEXG:003USD1.

This application is a divisional application of Serial No. 09/261,825, filed March 3, 1999 and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) only copies of those documents not previously cited and submitted to the Patent and Trademark Office in prior application Serial No. 09/261,825 are enclosed for the convenience of the Examiner

In accordance with 37 C.F.R. § 1.97(e)(1), Applicants hereby certify that each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the present statement, as evidenced by the date of the enclosed search report.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Robert E. Hanson
Reg. No. 42,628

Attorney for Applicants

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600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: February 28, 2005

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

TEXG:003USD1

10/047,251

Applicant

Collin E. Thomas *et al.*

Filing Date:

January 14, 2002

Group:

1651

U.S. Patent Documents

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Foreign Patent Documents

See Page 1

Other Art

*See Page 1***U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B3	WO 99/10514	3/04/99	WIPO			English
	B4	WO 00/18886	4/06/00	WIPO			English
	B5	WO 00/52144	9/08/00	WIPO			English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C34	Ledoux <i>et al.</i> , "Overexpression of ecto-5'-nucleotidase promotes P-glycoprotein expression in renal epithelial cells," <i>Kidney International</i> , 52:953-961, 1997.
	C35	Lu <i>et al.</i> , "AtMRP2, an arabidopsis ATP binding cassette transporter able to transport glutathione S-conjugates and chlorophyll catabolites: functional comparisons with AtMRP1," <i>Plant Cell</i> , 10:267-282, 1998.
	C36	Sidler <i>et al.</i> , "Involvement of an ABC transporter in a developmental pathway regulating hypocotyl cell elongation in the light," <i>Plant Cell</i> , 10:1623-1636, 1998.
	C37	Thomas <i>et al.</i> , "Evaluating roles for apyrase in plant growth and development," Session 25, <i>Enzymology and Metabolism</i> , #150, 1998.
	C38	Tommasini <i>et al.</i> , "Differential expression of genes coding for ABC transporters after treatment of Arabidopsis thaliana with xenobiotics," <i>FEBS Letters</i> , 411:206-210, 1997.
	C39	van Veen <i>et al.</i> , "Multidrug resistance mediated by a bacterial homolog of the human multidrug transporter MDR1," <i>Proc. Natl. Acad. Sci., USA</i> , 93:10668-10672, 1996.
	C40	Wang and Guidotti, "CD39 is an ecto-(Ca ²⁺ , Mg ²⁺)-apyrase," <i>J. Biol. Chem.</i> , 271(17):9898-9901, 1996.

25506071.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)		Atty. Docket No. TEXG:003USD1	Serial No. 10/047,251
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Collin E. Thomas <i>et al.</i>	
		Filing Date: January 14, 2002	Group: 1651
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C41	Windsor <i>et al.</i> , "Multiherbicide tolerance conferred by AtPgp1 and apyrase overexpression in <i>Arabidopsis thaliana</i> ," <i>Nature Biotechnology</i> , 21:428-433, 2003.

25506071.1

EXAMINER:**DATE CONSIDERED:**

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